WHAT IS CLAIMED IS:

1. A formable thermoplastic multi-layer laminate comprising

an outer layer comprising a polymer comprising resorcinol arylate polyester chain members,

a middle layer comprising a thermoplastic polymer,

an inner-tie layer comprising a thermoplastic polymer comprising a carbonate polymer and an acrylonitrile-styrene graft copolymer comprising at least one of an acrylonitrile-styrene-acrylate graft copolymer (ASA) or an acrylonitrile-butadiene-styrene graft copolymer (ABS),

the middle layer being between the outer layer and the inner-tie layer and being in contact with both the outer layer and the inner-tie layer.

- 2. The multi-layer laminate of claim 1 wherein the acrylonitrile-styrene graft copolymer comprises at least one of an acrylonitrile-styrene-acrylate graft copolymer (ASA) or an acrylonitrile-butadiene-styrene graft copolymer (ABS).
- 3. The multi-layer laminate of claim 1 wherein the acrylonitrile-styrene graft copolymer further comprises a styrene copolymer.
- 4. The multi-layer laminate of claim 3 wherein the styrene copolymer is a styrene acrylonitrile copolymer (SAN).
- 5. The multi-layer laminate of claim 1 wherein the acrylonitrile-styrene graft copolymer comprises an acrylonitrile-styrene-acrylate graft copolymer (ASA).
- 6. The multi-layer laminate of claim 5 wherein the acrylonitrile-styreneacrylate graft copolymer (ASA) further comprises a styrene acrylonitrile copolymer (SAN).
- 7. The multi-layer laminate of claim 1 wherein the acrylonitrile-styrene graft copolymer comprises an acrylonitrile-butadiene-styrene graft copolymer (ABS).

- 8. The multi-layer laminate of claim 1, wherein the inner-tie layer comprises about 25 to about 80 wt.% polycarbonate based on the total weight of the inner-tie layer.
- 9. The formed article of claim 3 wherein the inner-tie layer comprises a thermoplastic polymer comprising from about 25 to about 80 weight % of carbonate polymer, from about 10 to about 35 weight % of the acrylonitrile-styrene graft copolymer and from about 10 to about 40 weight % of the styrene copolymer, the weight % being based on the total weight of the inner-tie layer.
- 10. The multi-layer laminate of claim 9 wherein the inner-tie layer comprises a thermoplastic polymer comprising from about 40 to about 80 weight % carbonate polymer, from about 10 to about 30 weight % of the acrylonitrile-styrene graft copolymer and from about 10 to 30 weight % of the styrene copolymer, based on the total weight of the inner-tie layer.
- 11. The multi-layer laminate of claim 1 wherein the inner-tie layer further comprises a stabilizer comprising an alkylthioester.
- 12. The multi-layer laminate of claim 11 wherein the inner-tie layer further comprises a stabilizer comprising pentaerythritol.tetrakis(beta-laurylthiopropionate).
- 13. The multi-layer laminate of claim 7 wherein the inner-tie layer further comprises a stabilizer comprising pentaerythritol.
- 14. The multi-layer laminate of claim 1 wherein the inner-tie layer comprises a thermoplastic polymer having a melt flow index of from about 3 to about 30 cm³/10min (at 260°C/5kg).
- 15. The multi-layer laminate of claim 1 wherein the outer layer has an outermost surface comprised of at least one sub-layer comprising resorcinol arylate polyester chain members.
- 16. The multi-layer laminate of Claim 15, wherein the at least one sub-layer comprises an iso-terephthalic resorcinol/bis-phenol-A copolymer.

- 17. The multi-layer laminate of claim 15 wherein the outer layer further comprises at least one additional sublayer.
- 18. The multi-layer laminate of claim 17 wherein the outer layer consists of at least three additional sub-layers.
- 19. The multi-layer laminate of claim 1 wherein the middle layer comprises a polycarbonate.
- 20. The multi-layer laminate of claim 19 wherein the polycarbonate comprises a poly alkylacrylate.
- 21. The multi-layer laminate of claim 20 wherein the poly alkylacrylate comprises poly methyl methacrylate.
- 22. The multi-layer laminate of claim 1 formed by the co-extrusion of the inner-tie layer, middle layer and outer layer.
- 23. The multi-layer laminate of claim 1 wherein the outer layer has a thickness about 3 to about 30 mils.
- 24. A formed multi-layer laminate comprising the multi-layer laminate of claim 1 formed by a forming method that is at least one of thermoforming, compression forming.
 - 25. The formed multi-layer laminate of claim 24 formed by thermoforming.
- 26. The formed multi-layer laminate of claim 24 formed by compression forming.
- 27. The formed multi-layer laminate of claim 25 wherein the formed multi-layer laminate is formed by vacuum forming.

28. An article comprising

a formable thermoplastic multi-layer laminate comprising

an outer layer comprising a polymer comprising resorcinol arylate polyester chain members,

a middle layer comprising a thermoplastic polymer,

an inner-tie layer comprising a thermoplastic polymer comprising a carbonate polymer and an acrylonitrile-styrene graft copolymer comprising at least one of an acrylonitrile-styrene-acrylate graft copolymer (ASA) or an acrylonitrile-butadiene-styrene graft copolymer (ABS),

the middle layer being juxtaposed between the outer layer and the inner-tie layer and being in continuous contact with both the outer layer and the inner-tie layer, and

a substrate bonded to the inner-tie layer.

- 29. The formed article of claim 28 wherein the substrate is at least one of a thermosetting material, a thermoplastic material, a foamed material, a plastic, a reinforced thermoplastic material, and combinations thereof.
- 30. The article of claim 28 wherein the substrate comprises a foamed material.
- 31. The article of claim 29 wherein the foamed material comprises a foamed polyurethane material.
- 32. The article of claim 28 wherein the substrate comprises a thermoplastic polyurethane.
- 33. The article of claim 32 wherein the thermoplastic polyurethane further comprises reinforcing fibers.
 - 34. The article of claim 33 wherein the reinforcing fibers are glass fibers.

- 35. The article of claim 33 wherein the reinforcing fibers are carbon fibers.
- 36. The article of claim 28 that is at least one of an exterior automotive panel.
- 37. The article of claim 36 that is at least one of a door panel, a hood panel, or a roof panel.
- 38. The article of claim 28 wherein the multi-layer laminate is a formed multi-layer laminate.
- 39. The article of claim 28 comprising an exterior surface having a class "A" finish.
 - 40. A method of making an article, comprising

providing a multi-layer laminate comprising

an outer layer comprising a polymer comprising resorcinol arylate polyester chain members,

a middle layer comprising a thermoplastic polymer, and

an inner-tie layer comprising a thermoplastic polymer comprising a carbonate polymer and an acrylonitrile-styrene graft copolymer comprising at least one of an acrylonitrile-styrene-acrylate graft copolymer (ASA) or an acrylonitrile-butadiene-styrene graft copolymer (ABS),

the middle layer being between the outer layer and the inner-tie layer and being in contact with both the outer layer and the inner-tie layer;

placing the multi-layer laminate into a mold so that a cavity is formed behind the multi-layer laminate; and

placing a substrate into the cavity behind the multi-layer laminate wherein the inner-tie layer of the multi-layer laminate bonds to the substrate to provide an article.

- 41. The method of claim 40 further comprising forming the multi-layer laminate into a formed multi-layer laminate before it is placed into the mold.
- 42. The method of claim 41 wherein the mold comprises a shape or cavity that substantially conforms to the formed multi-layer laminate.
 - 43. The method of claim 40 further comprises cooling the article.
- 44. The method of claim 40 further comprising removing the article from the mold.
 - 45. The method of claim 40 wherein the substrate is injected into the cavity.
- 46. The method of claim 45 wherein the substrate formed by reaction injection molding.